

STATEMENT OF WORK FOR
PRP OVERSIGHT
MAY FLOWER TAILINGS
Upper Animas Mining District
San Juan County, Colorado
June 2015

Interagency Agreement No.
Work Assignment: WAF #2

PURPOSE

The purpose of this work assignment is to assist EPA with the oversight of the potentially responsible party's (PRPs) response activities at the Mayflower Mill and Tailings Impoundment (MFT) and the American Tunnel within the Upper Animas Mining District. The oversight work will involve assisting EPA with reviewing and commenting on PRP submittals required in their Administrative Order on Consent (AOC) and Statement of Work (SOW), attendance at some meetings between EPA, BLM & the PRP as well as overseeing the PRP work in the field and collecting split samples for analysis.

At this time, EPA intends to focus its negotiations with the PRP on the MFT for the conduct of an RI. The AOC will be amended to include FS activities once there is an understanding of the MFT and its impacts to the river and surrounding area. After the AOC and SOW for the MFT have been finalized, EPA will turn its focus to the AT and amend the AOC and develop a separate SOW in the AOC for the AT.

The type of support needed for this WAF includes but is not limited to: mining and geotechnical engineering, inorganic chemistry, aquatic biology, geology, watershed hydrology – both surface water and groundwater and mine reclamation and remediation technologies including both active and passive treatment.

A summary of the potential major deliverables is in Attachment 1. In some instances, more than 1 round of review/comment of a draft document may be necessary.

RECORD KEEPING REQUIREMENTS

Maintain all technical and financial records for the RI oversight in accordance with the contract. It is very important that all costs associated with PRP oversight activities are carefully tracked and reported separately from any other activities conducted under the generic IA for EPA's cost recovery purposes. At the completion of the work assignment/task order, submit an official record of the RI oversight in both compact disk and a hardcopy to EPA. Provide the deliverables using electronic media.

USEPA PRIMARY CONTACTS

The primary contacts and their contact information for this WAF are:

- Paula Schmittiel, RPM – 303-312-6861, schmittiel.paula@epa.gov
- Liz Fagen, RPM 303-312-6095, fagen.elizabeth@epa.gov
- Robin Coursen, IA Specialist -303-312-6695 coursen.robin@epa.gov

TASK 1 RI WORK PLAN AND PROCUREMENT

This work element involves planning for the execution and overall management of this task order under the generic IA for technical assistance (Upper Animas Mining District technical support) including the procurement for a qualified contractor (if necessary). The technical and managerial activities required for oversight of PRP activities for the MFT and the associated costs shall be developed during the planning phase and detailed in the oversight work plan and cost estimate.

Typical activities for this planning effort may include the following:

- USACE PMP that will address coordination of PRP-oversight tasks with EPA Fund-lead tasks for the rest of the Upper Animas Mining District to ensure integrated management of all site activities as well as other overall project management needs.
- Conflict of Interest Disclosure for selected contractor
- Scoping meeting with EPA
- Scheduling a site visit
- Development of oversight work plan
- Contractor procurement (if necessary)
- Management of work assignment, cost tracking, progress reports, etc.
- Regular communication w/EPA

SITE-SPECIFIC PLANS

Review existing EPA site-specific plans for examples of approved QAPP/SAPs for the Upper Animas site. It is anticipated that USACE/contractor should follow PRP QAPP/SAPs approved by EPA for collection of split oversight samples.

USACE/contractor will be required to be familiar with the technical requirements of the PRP AOC/SOW. USACE/contractor will provide EPA with a thorough technical review and comments of all PRP technical deliverables including QAPP/SAPs, RI work plans, Health & Safety plans, etc. as to their adequacy with requirements in the AOC/SOW, EPA regulations and guidance, etc. USACE/contractor will review PRP submittals to ensure that their plans as required in the AOC/SOW will result in a high quality data that EPA can use in its development of a risk assessment or selection of a remedy.

(Note: In general, USACE/contractor should assume that samples would be analyzed through the EPA CLP program although there may be some instances when other analytical services would be required.)

USACE/Contractor should plan to prepare their own health and safety plan that will coordinate appropriately with the PRP's health and safety plan.

PROJECT MANAGEMENT

These activities typically include but are not limited to the following:

- Monitoring costs and progress.
- Preparing and submitting monthly progress reports and invoices
- Manage, track, and report status of site-specific equipment.
- Participating in meetings and preparing and submitting meeting summaries.
- Evaluating existing data, including usability, when directed by EPA.

- Reviewing background documents as directed by EPA.

(Note: Prior to this IA, USACE & their contractor prepared an extensive review of available data and reports and compiled it into an annotated bibliography and database.)

TASK 2 COMMUNITY INVOLVEMENT

A Community Involvement Plan (CIP) and other CI activities for the entire Upper Animas Mining District Site are being addressed under a separate WAF for the fund-lead work at the Site. Minor assistance may be necessary to provide information/updates on the work at the MFT to EPA community involvement coordinator (CIC) for fact sheets or other community outreach activities. However, the USACE/contractor should not include CI activities in their work plan for PRP oversight.

TASK 3 RISK ASSESSMENT

The baseline human health risk assessment will be conducted by EPA risk assessment contractors upon completion of residential soil sampling in Silverton.

A draft baseline ecological risk assessment (BERA) for Cement Creek and the Animas River below Cement Creek was released to the public in April 2015. During the past year, EPA has broadened its scope of investigations to include the entire Upper Animas River watershed above USGS stream gaging station A-72 and will be implementing an extensive field sampling program during 2015. Consequently, EPA intends to develop a second BERA for the Animas River watershed above Cement Creek once the additional data collection and evaluation is completed. A copy of the draft BERA for Cement Creek is available from EPA.

For this task, USACE and its contractor should initially plan on 50 hours of technical assistance and coordination with EPA and its risk assessment contractor(s) as needed.

Attachment 1 - Summary of Major Submittals for the RI/FS Oversight

DELIVERABLES
RI/FS Oversight Work Plan
Monthly Progress Reports
Quality Assurance Project Plan (QAPP) <i>(if needed)</i>
Health and Safety Plan (HASP)
Comments on PRP's Health and Safety Plan <i>(if not already reviewed by EPA)</i>
Comments on PRP's Quality Assurance Project Plan <i>(if not already approved by EPA)</i>
Field Oversight Reports
Field Investigation Summary Report
Data Evaluation Report
Review draft Treatability Study (TS) work plan provide comments
Review TS results report & provide comments
Review draft Feasibility Study & provide comments
